

Recombinant Human Glycoprotein Non-Metastatic Melanoma Protein B Protein

Cat.NO.: TP04878

3th Edition

Synonyms: Transmembrane Glycoprotein NMB; Transmembrane Glycoprotein HGFIN; GPNMB; HGFIN; NMB

Description: Osteoactivin is an intracellular glycoprotein belongs to the NMB/pMEL-17 family, which is associated with cell endosomal/lysosomal compartments. Human Osteoactivin is a 560 amino acid type I transmembrane protein, and one alternate splice form shows a 12 amino acid insert between amino acid 339-340. An additional 206 amino acid isoform shows a mutation at position 181 that results in a 26 amino acid substitution for the C-terminal 380 amino acids. Cells known to express Osteoactivin include fibroblast, osteoblasts, myeloid dendritic cell, melanocytes, plus fetal chondrocytes and stratum basale keratinocytes, macrophages/keratinocytes.

Form: PBS

Molecular Weight: 53.1 kDa

Sequences: Ala22-Pro486

Purity: > 95% by HPLC

Concentration:

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.